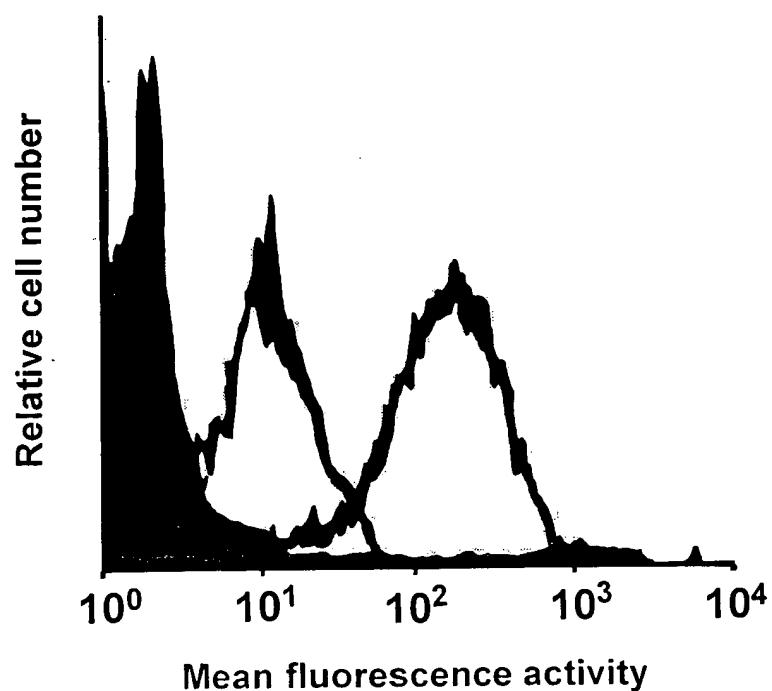




Fig. 1





	<u>A</u>	<u>A'</u>	<u>B</u>	<u>* * C</u>	<u>*C'</u>
mCTLA-4	vTq.pSVVLaSSHGVASfPcEYSPSHNTDEVRvTvLRQTNDQMTEvCAT				
rCTLA-4	vTq.pSVVLaSSHGVASfPcEYASSHNTDEVRvTvLRQTNDQVTEvCAT				
hCTLA-4	vAq.pAVVLaSSRGIAfVcEYASPGKATEVRvTvLRQADSQVTEvCAA				
bCTLA-4	vSq.pAVVLaSSRGVASfVcEYASSHKATEVRvTvLRQANSQMTEvCAM				
mCD28	vKqSpLLVVdSN..EVSlScRYSYNLLAKEFRaS1YKGV.NSDVEvCVG				
rCD28	vKqSpLLVVdNN..EVSlScRYSYNLLAKEFRaS1YKGV.NSDVEvCVG				
bCD28	vKqSpMLVVnNN..EVN1ScKYTYNLFSKEFRaS1YKGA.DSAVEvCVV				
hCD28	vKqSpMLVAyDN..AVN1ScKYSYNLFSREFRaS1HKGL.DSAVEvCVV				
mICOS	aDhR.MFSFh.N.GGVQiScKYP.DIV.QQLKmR1FRE..REV..1CEL				
hICOS	aNyE.MFIFh.N.GGVQiLcKYP.DIV.QQFKmQ1LKG..GQI..1CDL				
	30	40	50	60	

	<u>C''</u>	<u>D</u>	<u>E</u>	<u>F *</u>
mCTLA-4	TFTEK..NTVGFLDYPfCSgTFNESRvN1TiQGlRAVDTGLyLcKvE			
rCTLA-4	TFTVK..NTLGFLDDPfCSgTFNESRvNLTiQGlRAADTGLyFcKvE			
hCLTA-4	TYMMG..NELTFLDDSICTgTSSGNQvN1TiQGlRAMDTGLyIcKvE			
bCTLA-4	TYTVE..NELTFIIDDStCTgISHGNKvN1TiQGlSAMDTGLyIcKvE			
mCD28	NGNFTYQPQFRSNAEfNCDgDFINETvTfR1WN1HVNHTDIyFcKie			
rCD28	NGNFTYQPQFRPNVGFnCDgNFDINETvTfR1WN1DVNHTDIyFcKie			
bCD28	NGNFSHPHQFHSTTGFnCDgKLGNETvTfY1KN1YVNQTDIyFcKie			
hCD28	YGNYSQQLQVYSKTGFnCDgKLGNESvTfY1QN1YVNQTDIyFcKie			
mICOS	TKTKGSGNAVSIKNPM1CLyHLSNNSvSfF1NNpDSSQGSYyFcS1s			
hICOS	TKTKGSGNTVSIKSLKfCHsQLSNNSvSfF1YN1DHSHANYyFcN1s			
	70	80	90	100
				110

	<u>G</u>
mCTLA-4	LMYPPPYF.VGMGNGTQiYvIDPEPC
rCTLA-4	LMYPPPYF.VGMGNGTQiYvIDPEPC
hCTLA-4	LMYPPPYY.LGIGNGTQiYvIDPEPC
bCTLA-4	LMYPPPYY.VGMGNGTQiYvIEPEPC
mCD28	FMYPPPYLDNERSNGTIIiHIKEKHLC
rCD28	VMYPPPYLDNEKSNGTIIiHIKEKHLC
bCD28	VMYPPPYLDNEKSNGTIIiHvKEQHFC
hCD28	VMYPPPYLDNEKSNGTIIiHvKEKHLC
mICOS	IFDPPPFQER.NLSGGY1HiYESQLC
hICOS	IFDPPPFK.V.TLTGGY1HiYESQLC
	120
	130
	136

Fig. 2

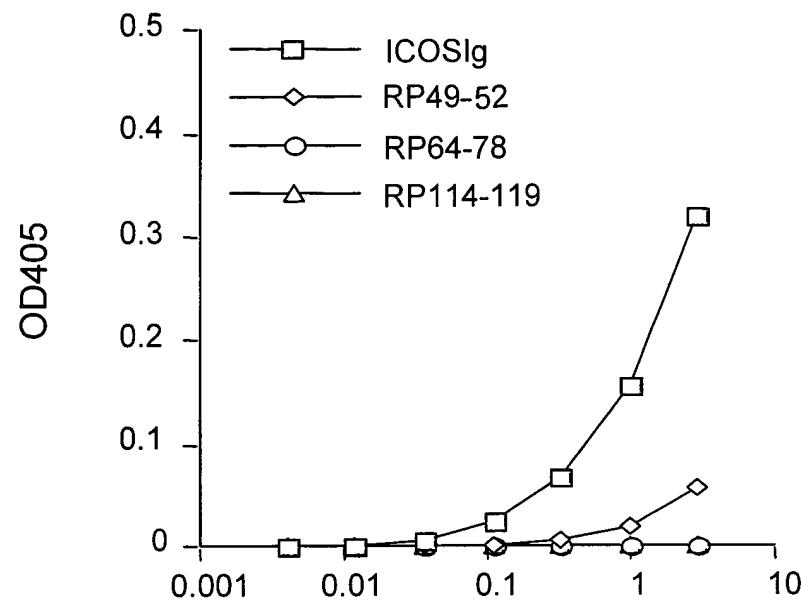


Fig. 3A

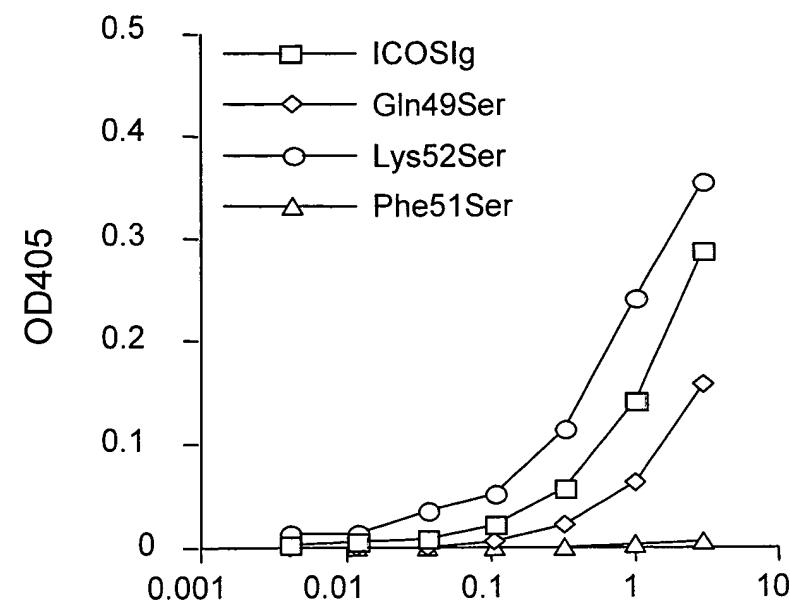


Fig. 3B



Fig. 3C

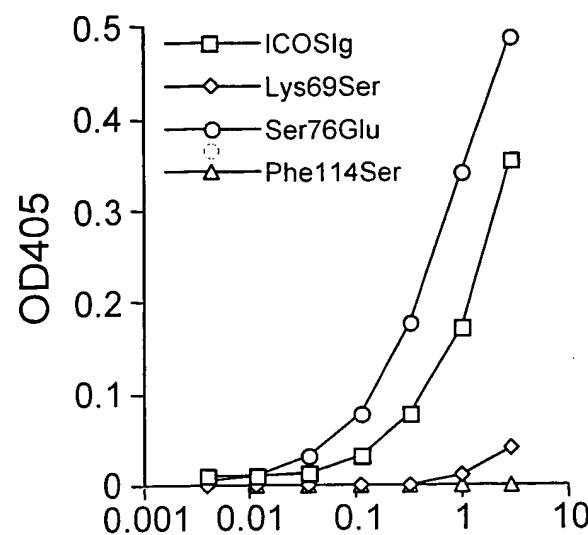


Fig. 3D

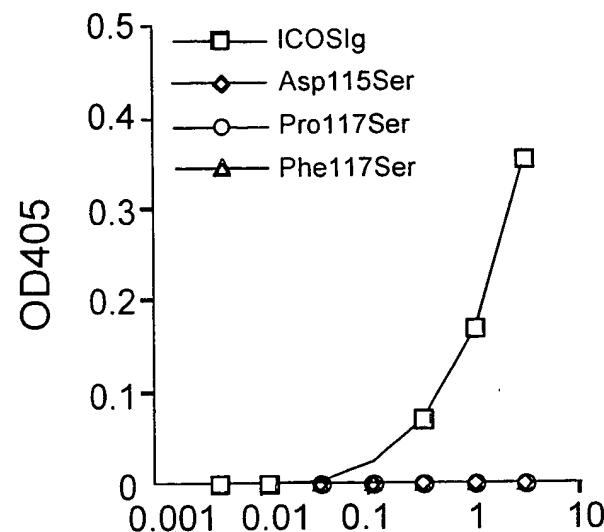


Fig. 3E

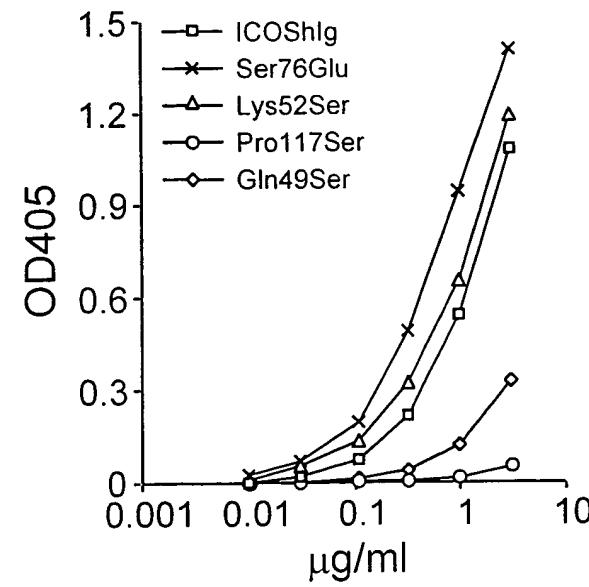




Fig. 4

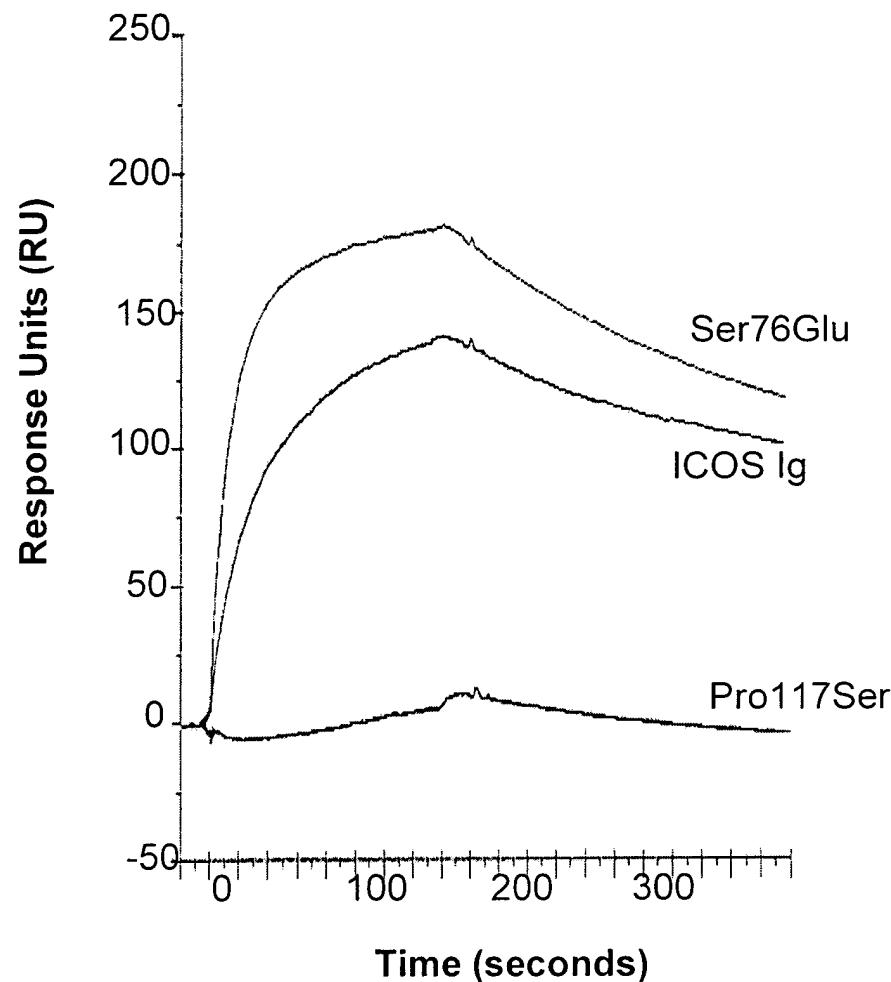




Fig. 5A

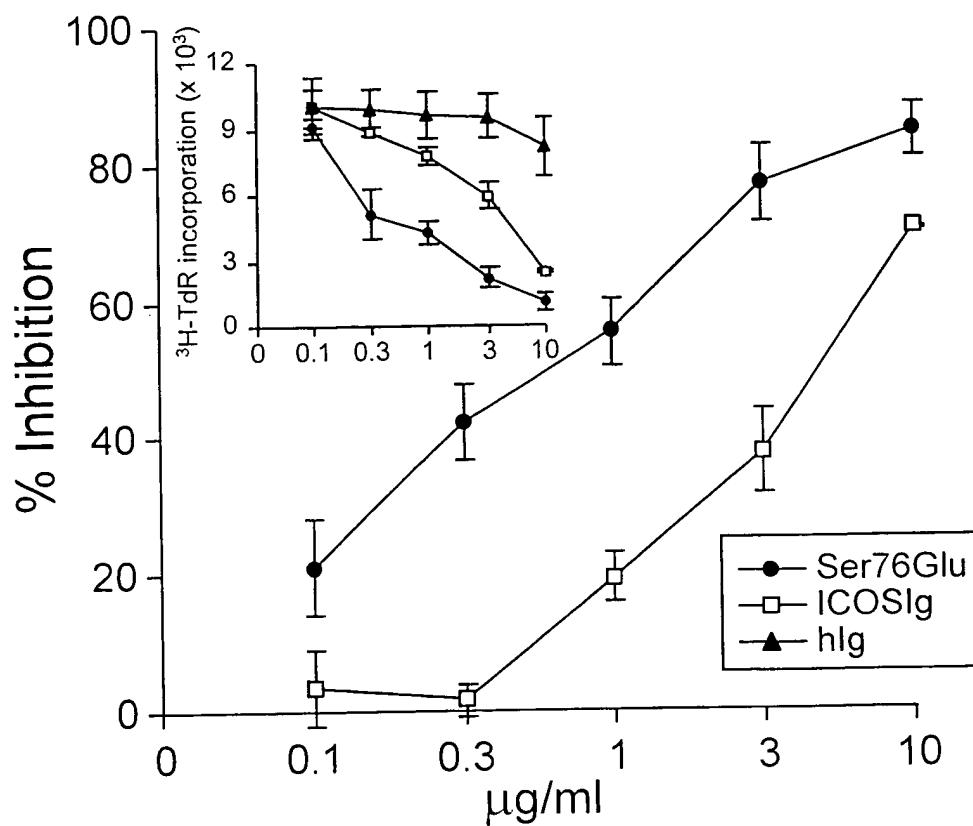




Fig. 5B

